

Freshmen Swarm Over Institute

Class of '66 Fast Introduced To MIT Scene

236 Get Advanced Credit

By David Vanderwerf '66

Bewildered freshmen, after wandering around the grounds of MIT for the bulk of the week, yesterday entered into a series of events designed to acquaint them with the grounds, subjects, and people of the Institute.

After registering at Kresge Auditorium yesterday morning, freshmen heard President Stratton and Dean of Student affairs Kenneth R. Wadleigh, then proceeded to informal meetings with their advisers. Following these meetings, guided tours of the Institute and dinner gatherings at dormitories, plus a picnic given by the fraternities, filled the rest of the day. Today were set more conferences, followed by freshman testing. A class meeting, "Introduction to Technology #1," featuring the first part of a series of talks by faculty members — "Technology and Engineering," by Prof. C. Stark Draper; "Recent Experiments in Vision," by Visiting Professor Edwin H. Land; "What Makes an Engineer Tick?" by Prof. Harold S. Mickley; and "Students, Science, and Scientists," by Prof. Charles H. Townes.

The evening hours are being eaten away by the Activities Midway, in which upperclassmen display activities in hopes of attracting freshmen to participate, and Saturday will consist of "Introduction to Technology #2," and living group activities the rest of the day.

Sunday will feature religious services in the Chapel for all major faiths in the morning, and a reception for freshmen and their parents given by President and Mrs. Stratton. On Monday, September 17, approximately 3700 undergraduates will register for the 1962 fall term at the Institute.

Eight hundred ninety freshmen, from a total of 681 secondary schools, swarmed into the Institute this week for the Annual Freshman Weekend. The newcomers, from every state and 18 foreign countries, are embroiled now in the usual rush of getting acquainted with MIT.

In this year's entering class are 23 women, one of whom, Susan Hemley, 15, is the youngest freshman.

Over one-fourth of this year's freshman class, 236 students, received Advance Placement credit, in a total of 540 subjects. Seventy-eighths, or 87.7%, were in the top tenth of their high-school graduating classes.

Forty-five of the freshmen are sons or grandsons of former MIT students, and two are sons of professors. One freshman has a mother, father, and brother who are alumni of Tech.

The undergraduate Seminar Program, begun only last year, will enroll about 1/4 of the class in its 40 subjects. Seminars range from 2 to 12 students, and are conducted by senior professors, who work informally and closely with the students; the students work independently and as research teams. Typical course offerings are "Stroboscopic Light," taught by Prof. Harold E. Edgerton; "Electrochemistry," taught by Prof. Edwin R. Gilliland, program director; and "Communist China," taught by Prof. Arthur Herring-ton.

For freshmen with a good linguistic background, history and literature courses are offered in French and Italian, and Burton House has its own French and German quarters.

Staff Candidates' Meeting

There will be a meeting of candidates for the staff of The Tech, Monday evening, Sept. 17 at 8 p. m. at the office of The Tech, second floor of Walker Memorial. All interested are invited to attend.

New Customs Ruling Says Pirated Textbooks Illegal

By Joseph Hanlon

Pirated textbooks can no longer be imported, as the result of a recent change of policy by the Bureau of Customs.

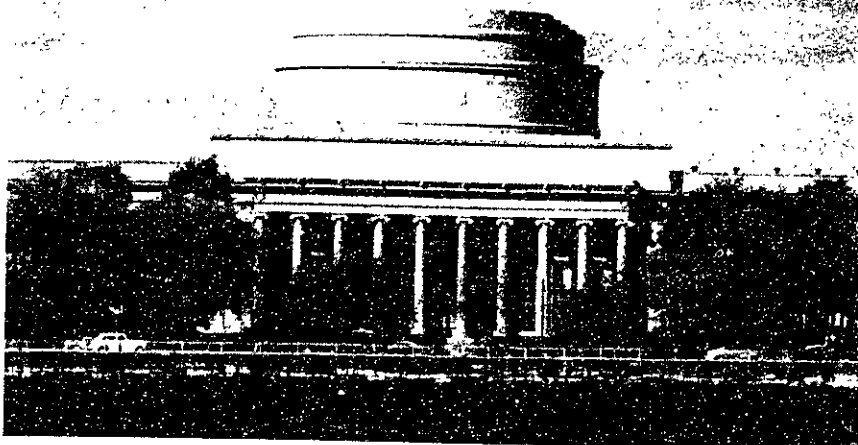
Effective June 6, the Commissioner of Customs ordered that all packages from Hong Kong or Taiwan that might contain books be opened and books in them checked to see if they have been printed in violation of the copyright laws.

Several customs inspectors told The Tech that they are in fact opening such packages. They also said that they are able to easily sort out packages containing books because of their distinctive shape and packing. Furthermore, they have a list of most of the companies selling pirated textbooks so they can check return addresses.

H. Nagle, Supervising Customs Examiner in Boston, told The Tech that there had been practically no pirated books had come through Boston since June. He believed that they were seized in New York, since all shipments from Asia to Boston must go through New York. Nagle added that in Boston custom officials check any book shipments which come "in volume," but that they do not check individual books.

Copyrights Rarely Filed
Prior to the change of policy
(Please turn to page 11)

The Tech



Vol. 82, No. 15 Cambridge, Mass. Friday, Sept. 14, 1962 5 cents

Rush Week Pledging Sets New Record

A record total of 324 freshmen were pledged to MIT fraternities by the end of Rush Week, Wednesday night. This represents a gain of 43 over last year. Altogether, a total of 618 freshmen participated in the week's activities, also a new high.

The number of pledges ran ahead of last year's total all week, with 201 being pledged by midnight Monday. This is 26 more than at the same time last year. Another 85 were added to the list Tuesday to keep the total moving at a record pace.

Final Statistics Show 342 Pledge Houses

Alpha Epsilon Pi	11	Phi Kappa Theta	15
Alpha Tau Omega	12	Phi Mu Delta	13
Beta Theta Pi	10	Phi Sigma Kappa	8
Chi Phi	15	Pi Lambda Phi	13
Delta Kappa Epsilon	6	Sigma Alpha Epsilon	18
Delta Psi	9	Sigma Alpha Mu	14
Delta Tau Delta	7	Sigma Chi	6
Delta Upsilon	9	Sigma Nu	12
Kappa Sigma	8	Sigma Phi Epsilon	27
Lambda Chi Alpha	19	Tau Epsilon Phi	18
Phi Beta Epsilon	5	Theta Chi	8
Phi Delta Theta	10	Theta Delta Chi	7
Phi Gamma Delta	10	Theta Xi	7
Phi Kappa Sigma	12	Zeta Beta Tau	15

Interfraternity Council officials described the week as one of the best Rush Weeks in the history of the IFC. "Not only is the number of freshmen large, but they are some of the most mature and smartest freshmen that we have ever had come for rushing."

Those of the freshmen who did not accept bids were issued their dormitory room assignments Wednesday night.

Institute Ran Smoothly Despite Union Strike In July

BY THOMAS BRYDGES

A three and one-half week strike by 1350 members of the MIT Employees' Union held the attention of the community during July.

The strike began July 1, after the expiration of a two-year contract. Agreement was finally reached July 24, when another two-year pact was signed.

Provisions of the new contract were nearly identical to provisions of contracts previously made with the other unions representing various MIT employees. The major feature of the settlement was a wage increase: 4% the first year, 3 1/2% the second. The MIT Employees' Union, an independent union, represents primarily technicians at MIT, Lincoln Laboratory and the Instrumentation Laboratory. The unions which settled with the Institute before the expiration of their previous contracts (June 30) were two units of the Building Service Employees' unions, both affiliated with the AFL-CIO; the Independent Union of Plant Protection Employees, 70 guards at Lincoln; and the Cooks and Pastry Cooks, also affiliated with the AFL-CIO.

The striking union began picketing MIT on Monday, July 2, with Cambridge police on hand in course viewed as a serious matter by the Institute Administration and the Union, the picket signs were taken somewhat lightly by MIT personnel in general. Some representative signs read: "MIT—First in science, last in wages" and "We'll never get to the moon on these wages."

A counter-sign, seen scrawled on the wall of the Synchrotron Lab-

oratory, read "MIT Employees' Union — first in signs, last in work."

The picketing, which on campus was centered mainly at the entrance to the main parking lot, was not extensive, but it did disrupt deliveries to the Institute as many truck drivers and others refused to cross the picket lines.

The strike was not enthusiastically endorsed by the entirety of the Union membership. On the day prior to the settlement of the strike, some 200 members of the

Union had crossed the picket lines and were reporting for work.

The main desires of the Union, as expressed in their proposals in negotiations prior to the strike, were for a wage increase, increased insurance benefits, increased paid leave, improved job procedures, a reduced work day and a one-year contract.

Early in the negotiations, many of which were held in the presence of federal mediators, the Institute representatives conveyed to the various union committees

their point of view that "the existing economic climate and the already high level of Institute wages and benefits would not support increases of the same order of magnitude as those of recent years."

The main disagreement came on the proposals for a wage accord. The Union proposed a 25c per hour wage increase effective on a one-year contract. This would have amounted roughly to a ten per cent hike, based on the average wage of the union em-

ployees. MIT's initial offer on a one-year agreement was for a 2 1/2 per cent pay rise. This proposal was rejected.

MIT continually expressed its interest in obtaining a two-year pact. Eventually, the settlement amounted to about a 21c increase over the two-year period.

The union also sought an increase in the room and board allowance under the Blue Cross-Blue Shield plan to \$35 a day from the previous \$18 a day. The final agreement provided for an increase to \$27 a day over the two years.

The Union also suggested changes in vacation pay and arrangements. The existing situation was two weeks vacation after one year's service, three after ten, and four after twenty. The Union sought three weeks after five years, four after ten, and five after fifteen. The final agreement embodied no change in vacation crease has been the main point of hikes of 5% and 4 1/2% in the two years.

Throughout the negotiations, the Union termed MIT's job classification system "archaic." Put simply, the Union contended that many workers were being assigned jobs above their pay classifications. The Union cited wage and classification plans in various other industries and institutions in pressing its point.

MIT insisted that its wage plan was above average among employers in the Boston area. In the final settlement, it was agreed that the Institute and Union would conduct a joint study of job clas-



Pickets stop a car at the entrance to the main parking lot on Massachusetts Avenue.

—Photo courtesy The Boston Globe

(Please turn to page 11)

It's As Bad As Waiting For JP Tickets



Several hundred freshmen camped outside Dean Fasset's door Wednesday in anticipation of the 8 P.M. rush for room assignments.

Summer Selling Banned: Technique And Quiz Books Affected By New Ruling

For the first time this year all mail sent to freshmen prior to registration day had to be approved by the Freshman Coordinating Committee or its designee, Associate Dean of Student Affairs Robert J. Holden.

After the wide-spread controversy surrounding the pre-school sale of the Walker Quiz Books to incoming freshmen last year, Institute Committee made an evaluation of policy concerning the freshmen mailing list as part of a broader study of entrepreneurship at MIT.

A motion passed by Inscomm March 24 provided that all mail sent to freshmen and asking for remuneration before registration date must be approved by the FCC or its designee.

As Bill Pinkerson, FCC chairman, explained, by the time the average freshman has waded through all the fraternity and dormitory information and the registration material, he doesn't really know what to do with the other miscellaneous letters he may receive. Not being familiar with MIT life, he's not in a position to judge the usefulness of items or services advertised for sale.

After further discussion and study, the Executive Committee issued a statement June 19 prohibiting any and all summer soliciting. The statement further directed that a sample of any material to be sent to freshmen must receive the approval of Dean Holden, designated by FCC for the task.

Dean Holden and Larry Bishoff, Assistant to the Dean of Student Affairs, checked over all materials submitted to them under the new ruling. According to Bishoff, several of the letters were referred to Inscomm members who were around during the summer, generally Paul Shapiro, chairman of the Secretariat, and Peter Van Aken, Finance Board chairman. Pinkerson also saw most of the material before it was sent out.

As a result of the new policy, the Technique staff did not send out its customary yearbook options, and the Walker Staff, while still advertising its Quiz Book, asked merely for indication of general interest and not for payment or for promise thereof.

A La Carte Prices Up To Meet Costs

By THOMAS BRYDGES

A la carte food prices were increased without prior announcement at all MIT dining services July 1.

The price increase was made to curtail the deficit in the operation of the dining services. In the 1962 fiscal year this loss was \$10,942.41.

Typical increases were 5c on most dinner entrees, cakes, and tea. As guaranteed last spring, there was no increase in the commons meals charge of \$2.50 a day.

MIT's dining halls are administered by Management Food Services, a division of the Stouffer Foods Corporation. For this service MIT pays a flat fee plus a percentage of the gross from the

operation. This arrangement has been in effect since Stouffer's was engaged for the task in 1955. Thus Stouffer's share is independent of whether the services run at a profit or at a loss.

MIT desires to have the dining services operated at the break even point. The last general price adjustment was in 1957, following a year in which a loss of \$49,000 was recorded. At that time it was thought that prices would have to be raised again in three years, 1960.

But after cutting the deficit to \$13,000 in fiscal 1958, the dining operation turned a profit for the next three years: \$800 in 1959, \$8,000 in 1960, and \$16,000 in 1961.

Thus, mainly through economies of management, a reserve was built up which covered last year's loss.

The Institute has committed itself to establishing and maintaining a high standard of food quality and quantity, according to Jay L. Marden, assistant to the vice president, operations and personnel. Thus the decision was made not to sacrifice quality and quantity for monetary savings.

Within this framework, the dining services have in the past and will continue to offer a "99c special" full meal. (This price is just beneath the starting point of the Massachusetts Old Age Tax on meals \$1.00 and up.)

In the current price adjustment, the "99c special" remains, but differs from the "special" of last year. Now a specific dessert is a part of the "special," whereas in the past the patron had his choice of all desserts being sold that day. In addition, the number of rolls and butter available on the "special" has been limited to two.

In computing the dining service budget, the Institute makes no entry for taxes or rent on the buildings. This is the main difference from the budget of a commercial restaurant. In view of this, it is often suggested that prices at the MIT tables should be substantially lower than those in commercial establishments, while in fact they are not.

Counteracting this saving is the cost of labor employed in the MIT

halls, according to Marden. Basic wages, wage increases and fringe benefits for the MIT dining help are related to those for other unionized MIT employees; and this makes them higher than in a commercial restaurant, Marden said.

Marden cited the fact that salaries are over 35% of the MIT dining services expense, though they are often less than 30% in a commercial venture.

He also pointed out that the dining help will receive the same percentage wage hike as the other MIT unions: 4% this year, 3½% next year. This will amount to about \$30,000 over the two years. Some of this increased cost had to be passed on to the patrons of the dining services, he said.

The last published balance sheet, from the MIT Treasurer's Report for 1961, is shown:

Fiscal 1961 Dining Services	
Revenues	
Rentals or receipts	\$1,010,694.00
Reserve for operations	(16,541.63)
Total	994,152.37
Expenses	
Food	\$457,006.62
Salaries	364,800.18
Administration	82,784.29
Supplies	24,454.94
Repairs & maintenance	17,713.15
Utilities	17,609.04
Equipment	15,329.28
Laundry	12,206.54
Insurance	2,248.33
Total	\$994,152.37

CLASSIFIED ADS

HELP WANTED — Male. For psychological experiments — no drugs. Pay is \$1.50 per hour, minimum of 3 hours per afternoon session, once a week for four weeks. Call for interview, LA 3-8200, ext. 2532.

BARTENDING—Let us take the work out of your next social function; bartending and formal waiting are our specialties. David Johnson, KE 6-6786, or Dan Gourley, CI 7-8093. EXPERIENCED.

WANTED: A refrigerator in good condition, and at a reasonable price. Call Toby Zidle, X3294.

APARTMENTS
Furnished and Unfurnished Suites—\$65-300
Available Now
Student Apartment Service
1218 Mass. Ave. at Bow St.
Harvard Square
UN 4-0394 No charge for our service

BUY and SAVE
on
GAS and OIL
for
YOUR CAR

AUTHORIZED COOP GAS STATION

NELSON'S MOBIL GAS STATION

218 Main Street

Near Kendall Square Rotary

Patronage Refund

also paid on greasing charges and on purchase of tires and batteries

Tech Coop

SOUTH SEAS

21 HARRISON AVE.
HA 6-4210

(Between Essex & Beech Streets, Boston)
ISLAND & CANTONESE FOOD • EXOTIC DRINKS
Authentic Hawaiian Luau
Moderate Prices
11 a.m.-3 a.m.
Daily & Sunday

THE BATON SOCIETY
PRESENTS

An Evening With
JOSH WHITE

Saturday, September 29, 1962

Kresge Auditorium, 8:30 P.M.

Tickets: \$3.00, \$2.50, \$2.00

On Sale at TCA Office in Walker Memorial

Or Call UN 4-6900, Ext. 2910

NEWBURY'S STEAK HOUSE

94 Mass. Ave., Boston

You may now avail yourself of a \$12.00 food check book of \$10.00 (offer limited).

This Coupon Is Worth

50c

Towards Any Dinner

Over \$1.76

Good Until Oct. 1, 1962

Professors' Open Letter Protests US Arms Buildup

In an open letter to President Kennedy, published as an advertisement in the August 21 New York Times, 30 MIT professors joined with 145 other Boston area educators to warn that the United States arms buildup may make disarmament negotiations impossible.

Inspection Considered

The letter also considered the Russian objections to inspection as part of a disarmament treaty. The educators claim that because of the United States' vast superiority in nuclear weapons, the "Russians cannot disable our retaliatory capacity (therefore) they cannot accomplish an effective first strike against us. Neither, however, can the United States successfully attack first so long as the exact locations of Soviet bases are unknown. To protect its limited force the USSR maintains geographical secrecy. . . .

"In this weapons imbalance we see a reasonable explanation for the disarmament deadlock. The Soviet plan would deny the U.S. adequate safeguards against hidden weapons; our plan would deny the USSR the secrecy essential to its deterrent force."

Object To Vast Superiority

The open letter went on to say that recent technological developments have allowed the U.S. to make weapons that are "virtually invulnerable", citing as examples the Polaris missiles in submarines and underground Minuteman missiles.

"With these new weapons," the professors continued, "the United States no longer need rely on vast numerical superiority for its defense by deterrence. Our defense force is adequate if it con-

tains enough of these weapons to threaten retaliatory destruction of major Soviet cities."

Urge Arms Reduction

The letter concluded by saying "We therefore urge that you (President Kennedy) 1. Substantially reduce the scale of our nuclear arms program to fit a purely deterrent strategy. 2. Renounce — publicly and firmly — the strategic use of nuclear weapons except in response to a nuclear attack on us or our allies. 3. Revise our disarmament proposals to allow, by disproportionate weapons reduction, a closer approach to equality before the US-SR would have to abandon its secrecy."

MIT professors who signed the letter are: Eugene Bell, Biology; John Bossons, Industrial Management; Noam Chomsky, Modern Languages; John F. Cochran, Physics; Charles D. Coryell, Chemistry; Murray Eden, Electrical Eng.; H.W. Fairbairn, Geology; B.T. Field, Physics; Herman Feshbach, Physics; Harold Freeman, Statistics; Glen Gordon, Chemistry; Myron Gordon, Industrial Management; Robert Kyhl, Electrical Eng.; Cyrus Levinthal, Biology; M. Stanley Livingston, Physics; Salvador Luria, Biology; Kevin Lynch, City Planning; Boris Magasanik, Biology; S.J. Mason, Electrical Eng.; Norman Phillips, Meteorology; Hilary Putnam, Humanities; Alexander Rich, Biology; Bruno Rossi, Physics; William Schreiber, Electrical Eng.; C. Fayette Taylor, Mechanical Eng.; Laszlo Tisza, Physics; George Whitehead, Mathematics; Hurd Willett, Meteorology; John Winchester, Geology; and George Wolf, Nutrition.

Posthumous Sc.D. Given at Graduation



—Photo by Boyd Estus
The Rev. Theodore M. Hesburgh discusses "Science and Technology in Modern Perspective."

A posthumous Sc.D. was one of 1205 degrees conferred by MIT in the June Commencement Week. The tribute, the first of its kind ever made by MIT, was accepted by the husband of the late Mrs. Kayako Tanaka Hirano of Japan, who had completed five years of doctoral research in metallurgy before her death in April.

Commencement exercises were held June 8 in Rockwell Cage, where the Rev. Theodore M. Hesburgh, C.S.C., President of the University of Notre Dame, delivered the main address. In a series of rhetorical questions coupled with his own answers, Rev. Hesburgh discussed "Science and

Technology in Modern Perspective."

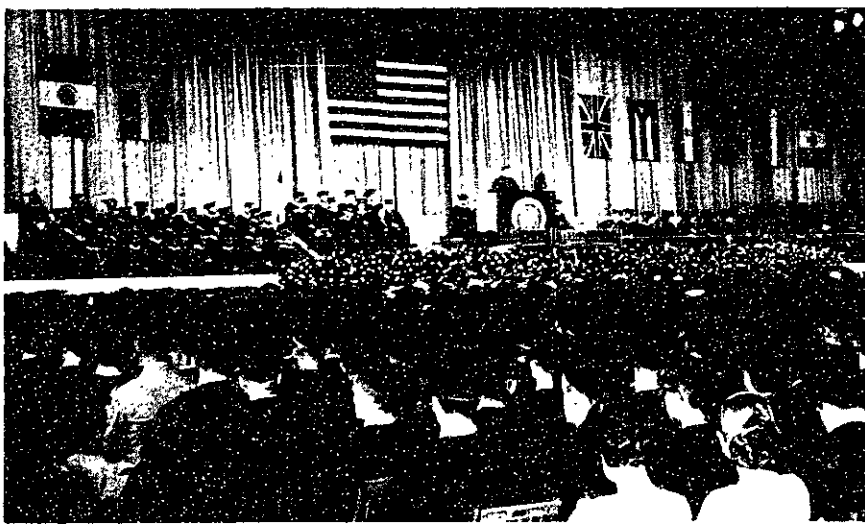
The award of the Goodwin Medal for excellence in teaching by a graduate student, in keeping with Commencement recognition of educational achievements, was made to Norton L. Starr of the mathematics department.

Music for Commencement was specially composed by Andrew Kazdin, a graduate student in industrial management. His "Intermezzo Giubiloso" for brass choir, which he conducted as an interlude during the exercises, has a main theme derived from the notes of the scale in the sequence 1-9-6-2. Kazdin is best known at MIT for his "Social Beaver Suite," sound track for an MIT publicity film of the same name. Also played at Commencement were two of his fanfares.

Pre-Commencement activities occupied the week between finals and graduation. Senior Week, including a lobster and steak banquet, senior prom, Day at the Pops, and a variety of parties and picnics occupied June 1-5.

The annual joint Army-Navy-Air Force commissioning exercises for Reserve Officers' Training Corps graduates was held Thursday morning, June 7.

In the afternoon seniors and their families attending Baccalaureate heard an address by Clarence H. Linder, vice-president of the General Electric Company and a member of the MIT Corporation.



—Photo by Boyd Estus
Graduates, faculty, and guests listen to the principal address at June commencement exercises in Rockwell Cage.

Changes In Curriculum

Student Petition Starts Biology Reforms

By David Trevett

Prompted largely by a student petition, the Biology Department has initiated a large-scale evaluation and reorganization of its curriculum. According to Professor Irwin W. Sizer, department head, the first of a number of anticipated changes will occur this fall with a revision and strengthening of 7.01-7.02 General Biology I and II.

The action had its origin among five biology students last April. At that time Robert W. Morris, Charles Gardiner, Arthur Schantz, Robert Turtz, and Dave Kandowne, all '63, wrote a petition deploring the inadequacies of the biology curriculum and asking for a sound basis in classical biology in addition to the modern biology (molecular biology, genetics, etc.) stressed by the department.

26 Sign Petition

The petition was signed by 26 students, most of them in the Class of '63, and turned in to Professor Sizer. It expressed a desire on the part of the students to gain a working knowledge of the language of the field.

"The students seemed to feel that our introductory biology course was, if anything, a little too easy," explained Prof. Sizer. "They explained that with the good background of the average Tech student, the course could easily move along more rapidly."

Faculty Committee Set Up

"To answer the question we set up a faculty

committee to explore the content of the introductory biology course and to look into the possibility of strengthening the course with anatomy. Prof. Cyrus Levinthal chaired the committee, which also consisted of Dr. Charles E. Holt and Professors Alexander Rich, Jerome Lettvin, and Edward Herbert.

"The committee returned a recommendation for an immediate revision of the course, with greater emphasis on classical biology. This recommendation has been taken, and will go into effect this fall. The revision will extend into the lab, which will include such things as dissection anatomy."

Course Getting Tougher

"We're not going to try to get back to the old descriptive approach of learning how many of what kinds of plants and animals there are; the students don't want this neither do we. We'll cover the same subject matter, but we're going to go at it with hammer and tongs, utilizing physics, chemistry, and math. It'll be largely a quantitative study and overall a much tougher course."

"The students also said they wanted a course in comparative anatomy; we won't have a separate course this fall, but there will be a good deal of this in the introductory biology."

Course In Key Position

As Prof. Sizer explained, the introductory biology course is in a key position, as it not only provides the groundwork for majors in biology, but also gives non-biology majors one of their few looks at the department. "Consequently," said Sizer, "we've gone out of our way to plow a lot of professorial talent into this venture; and we think it's well worth the effort."

The curriculum change represents a major change over past departmental policy, and is only the first step in the change. Also on schedule for this fall is a new Junior course in genetics; Dr. Morris Fox, formerly with the Rockefeller Institute, has been hired as an associate professor to teach it.

"We don't think for a minute that we're through yet," stated Prof. Sizer. "We'll be waiting to get the teachers' and especially the students' reactions to the new courses; after that, we'll keep right on going, improving things as much as we can. In addition to the curriculum, we need more adequate facilities, better supplies and equipment. There's a lot to be done."

New Faculty Members Are Named To Posts In Four Dormitories

Murray Eten, Professor William Curry, Professor Francis Bitter and Professor E. Lee Gamble have been installed as the new housemasters and faculty residents of four of the MIT dormitories.

Mr. Eten succeeds Professor Samuel Mason as housemaster of Senior House. Professor Mason, who is associated with the Electrical Engineering Department, is currently on a sabbatical leave. Mr. Eten was formerly the asso-

ciate housemaster of the Senior House.

Professor Curry, a Naval lieutenant, is the new faculty resident of East Campus. He replaces Professor F. Albert Cotton who, with his wife and family, has decided to move into his own home. Professor Cotton is in the Department of Chemistry, while Professor Curry is an Assistant Professor of Naval Science.

Professor Francis Bitter has been installed as the new Master of the Graduate House, replacing Professor Avery A. Ashdown. Professor Ashdown retired from the Institute at the end of the last school year. He is an Associate Professor Emeritus of the Chemistry Department. Professor Bitter is the head of the new Magnet Laboratory.

Professor E. Lee Gamble, an Associate Professor of Chemistry, has taken the position of housemaster of Baker House. He replaces Alar Toomre of the Mathematics Department.

3 Tech Professors Serve on Space Group

Three MIT professors are serving on the American Academy of Arts and Sciences' Committee on Space Efforts and Society. They are Donald Marquis, Professor of Industrial Management; Walter Rosenblith, Professor of Electrical Engineering; and Francis Bator, Associate Professor of Economics.

General Catalogue Arrives Early

By David Vanderwerf

The MIT general catalogue arrived on July 26 this year, over 1½ months earlier than last year's issue.

The early delivery this year was due to rigid scheduling, according to John I. Mattill, head of the MIT Publications Department.

The catalogue shows only one major change this year, the elimination of the general staff index. This, also, said Mr. Mattill, was due to the rigid schedule. Another change, not involving the character of the catalogue, is the calendar's notice that there will be no classes on Field Day.

Cost of the catalogue's 50,000 copies was \$28,000, about \$12,000 of which was spent for the paper alone.

On Summer Tour

Choral Society In Europe

Sixty members of the MIT Choral Society, many of them veterans of two previous European tours, departed June 12 with their director, Klaus Liepmann, for major performances in London, Paris, Berlin and Munich. The chorus, which raised most of its own funds for the trip, gave 14 concerts abroad this summer, in

addition to taping broadcasts for the BBC, Radiodiffusion Française, and German radio stations.

Highlights of the trip were a July 4 concert at the Free University of Berlin's music festival, when they were joined in an encore by the Free University's choral society, and a concert at the Church of St. Eustache, Paris. The latter performance was a the invitation of the famous blind organist, Andre Marchal.

With the exception of the Independence Day concert, all the programs were identical with the one presented at MIT's May Festival of Music last spring.

The Choral Society, representing a cross-section of the MIT community, featured Helen Boatwright, Jeanne Lincoln, Donald Sullivan and Paul Matthen as soloists. Taking their honeymoon on the tour were the group's president and social chairman, Jack and Julie Pugh.

The singers returned to Boston on July 14.

Buechner Named Course 8 Head

Appointment of Professor William W. Buechner as head of the Department of Physics was announced during the summer.

He succeeds Prof. Nathaniel H. Frank who has resigned to undertake special duties studying undergraduate science subjects with the object of improving teaching effectiveness.

The assignment Dr. Frank is accepting is a new one at MIT. He will assist departments in utilizing new developments that are coming from the Science Teaching Center, directed by Prof. Francis L. Friedman, until his death in August. He will also assist in the area of the mutual interactions of the teaching of science and engineering.

Dr. Buechner, who has an extensive background of experience in teaching, research, and administration at MIT has served as acting head of the department during the past year.

Josh White To Sing In Kresge Sept. 29

Folksinger Josh White will give a concert in Kresge Auditorium on Saturday, September 29, at 8:30 p.m., presented by the Baton Society.

Tickets are \$2, \$2.50, and \$3 and may be reserved by calling UN-46900, extension 2910, or by addressing ticket requests to the Box Office, Kresge Auditorium.



Vol. LXXXII No. 15 Sept. 14, 1962

To Freshmen

Freshman Weekend is traditionally a time when almost everyone at MIT tries his hand at the role of wise counselor. Fortified by from one to forty years of experience in meeting the daily challenges of an impassioned struggle for knowledge, everyone from the sophomore to the dean is suddenly offering you not only his best wishes but his personal formula for hanging on to the merry-go-round. The Editor of The Tech, who is neither a sophomore nor a dean, traditionally joins this melee by offering what he considers to be the best counsel at his command.

It is likely that the one question you want most to answer concerns your chances for success. They have never been better for any MIT class. Every one of you who will register Monday has the intellectual capability to obtain an MIT degree. This does not mean that the 85% of you who have always been in the upper tenth of your class can expect to remain there, but it does mean that you need not fear being unable to do the work. The faculty's Committee on Academic performance has stated that every freshman who wants to make a sincere effort to stay at MIT will have at least two terms to try it.

The Administration and Faculty, not to mention your fraternity brothers and dormitory counsellors are committed to give you every possible chance not only to survive but to do well. If the once exciting process of learning begins to lapse into a desperate struggle remember two things: First, things are hardly ever (pardon the platitude) as bad as they seem, and secondly, in spite of what you may think, somebody here does care how you are doing.

The first and most difficult challenge for most of you will be in learning how to learn at MIT. Here you are alone, for only you can best decide how to assimilate the new ideas and facts which will be presented to you. But do remember that few of us can do this overnight, and initial failure is not a sign to give up.

Most of you will never have a 5.0 term rating, but the satisfactions of achieving a real understanding of a problem or an area can often be as rewarding as a string of A's. Remember also that there is much more to MIT than the continuous round of classes. Around you at MIT and in Boston there are opportunities for almost every conceivable extra-curricular inter-

est, and some of these can help relieve the pressure for you.

Finally, learn to view your immediate disappointments in perspective. Progress sometimes seems slow, and visible rewards will probably be both less frequent and less significant than in your previous experience, but the whole will be much more meaningful. Remember that every complaining upperclassman you meet is here because he believes he is getting one of the best technical educations the world has to offer, and this is not to be achieved without effort.

Summer Reflections

Among the several noteworthy events occurring at MIT during the last three months was the unheralded appearance on July 30 of the 1962-1963 General Catalogue. This was fully a month ahead of the usual publication date. The Office of Publications and the Office of the Registrar are to be congratulated. We wonder however, whether it was worth the effort and expense to bind Faculty copies in slick covers. It seems that if the office of publications is interested in preserving these copies it should consider a permanent binder for faculty offices.

For the second year in a row the catalogue designer has selected a black and blue motif. While there are some who contend that these are the only proper colors for an MIT catalogue, we should like to suggest that for a change it might be pleasant to see a catalogue in the school's colors of cardinal and grey.

Looking over the catalogue's calendar for the year we find first that Field Day has finally been designated a holiday and that most other single holidays fall on Fridays or Mondays, which means a number of long weekends during the school year.

The Technology Community Association conducted a highly successful summer program for high school students interested in taking some college level courses on a non-credit basis. The instruction was done by MIT students who volunteered to prepare two classes a week in an area of their interest. Both TCA and the students who volunteered for this program deserve unqualified congratulations for an excellent effort.

We congratulate MIT's champion varsity lightweight crew who narrowly missed beating the eventual winners of the Henley Regatta in England.

Finally, with this issue The Tech will begin weekly distribution to members of the MIT Faculty. This is being done by the Administration to help establish closer contact between faculty and student interests and it is a pleasure to welcome our new readers.

Letters to The Tech

Library Director Comments on Modifications

To the Editor:

Last year *The Tech* ran a series of editorials on the Libraries. You looked carefully into some of our problems and made a number of constructive suggestions, some of which we have been able to carry out during the summer.

A major change which will be immediately evident to anyone who has used the libraries in the Hayden building is the construction of a partition as suggested in your editorial of November 8, 1961. From now on books from the first and second floors and the basement will be charged in and out in the newly created lobby. This should save a lot of steps for everyone and substantially reduce the noise of voices, telephones and foot traffic in the reading rooms.

William N. Locke
Director of Libraries

Kibitzer

By ELWYN BERLEKAMP

NORTH
♠ —
♥ A Q 7
♦ 5 3
♣ 9 8

WEST
♠ —
♥ K J 5
♦ J 6
♣ K Q

EAST
♠ J 7
♥ 8 6 4
♦ —
♣ J 6

SOUTH
♠ Q 9
♥ 9
♦ Q 9
♣ A 7

With South on lead, can North-South make 6 of these last 7 tricks at notrump???

Among the many subtopics which fall under the general heading of bridge, double-dummy play is one of the most intriguing. By definition, double-dummy play occurs only when all four remaining hands are shown and thus everybody knows what everybody else has. In real bridge, of course, this situation never occurs. But good bridge players can frequently remember all that has been played and occasionally they can thereby deduce who has each remaining card. When this happens, they are effectively playing double-dummy.

Unlike bidding, declarer play and defensive play, double-dummy play involves neither deception nor calculation of mathematical probabilities. Thus there can be no real disagreement as to the results of a double-dummy problem. North-South can either make the contract or they can't, and by studying the problem long enough, human experts can find the solution and the corresponding winning strategy.

Since double-dummy bridge is a two-person, perfect information game, its mathematical formulation is quite similar to that of chess, checkers, tic-tac-toe, and other such games. Because the programming techniques used to make computers play these games might also be applicable to more practical problems such as proving theorems, there has been considerable recent effort toward programming computers to play games.

In the process of writing my

Master's thesis while at Bell Telephone Laboratories on cooperative assignment, I found that double-dummy bridge was a particularly good game for study because it is intermediate in complexity between tic-tac-toe and chess. The number of legal ways of playing the hand out is usually far too large to be examined exhaustively, but rigorous solutions can frequently be obtained by nonexhaustive methods by working in a constraint space rather than the space of actual hand positions. A program which I wrote was able to find and prove the complete solution to the above problem (which was written by Ake Kjellstrom and is #121 in a book of such problems called *Sure Tricks*, edited by Ivar Anderssen) in less than a minute. How long did it take you? If you got it at all without hints, consider yourself excellent (for a human).

The solution is as follows. South lays down the queen of spades. West cannot pitch a diamond or South runs the remainder of his tricks off the top. If West pitches a heart, North discards a diamond. South then leads the heart 9 and takes two tricks with North's heart ace and queen via the finesse. South then wins the club ace and parks West in with the last club for the defender's one and only trick. Poor West must then lead diamonds around to South who claims the last two tricks in that suit.

If instead West pitches a club on the spade queen, North again pitches a diamond. Now South leads the diamond queen to squeeze East, who obviously has no choice but to throw a heart. South then leads the spade 9 to East's Jack, and on this trick West is squeezed. If he throws a heart, North can take three heart tricks at leisure. If he throws his last club, North discards a heart and North-South then take winning finesses in hearts and clubs in whatever order East compels.

Inside Incomm

Plans For Student Center Given Highest Priority

By Woody Bowman

The major projects of the Institute Committee for the coming term have been selected. Let me describe the goals.



Preliminary plans for the Student Center must be finalized soon. The drawings in their present form will be presented to the student body within the month for open discussion. The Executive Committee places this as the highest priority item on its agenda. Incomm will present recommendations on the plans to the Administration before final engineering drawings are made.

Problems dealing with educational policy will be taken up at various times during the year. The scope of these problems will be discussed in a future article.

Work is beginning on establishing a method for coordinating and observing all entrepreneurial functions by students on this

campus. The system should be established by February 1, 1963. The system should not only regulate the business practices of entrepreneurs, but should encourage students to engage in a business by providing common services and legal securities.

There are preliminary plans laid for holding an intercollegiate conference on campus in 1963 to deal with the problems of "The Welfare State-USA." Funding is the present obstacle to overcome. The compromise between thrift and quality may not be resolved. If not, some other project will be sought to allow MIT students to educate themselves on political topics, without student government sponsoring a program which may easily become a vehicle for tendering the opinions of individuals in student government.

Spring Weekend Committee has been established and work is progressing. Even though the event will not be held until April, there

are many unique problems to be solved.

The Judicial Committee will be instituting some procedural changes in the coming year. Institute Committee will be taking part in the discussion of the changes, though the majority of the work will be handled by Judcomm itself.

This is by no means a complete list of programs and projects, but these are the one about which you will be hearing shortly and which have the potential for providing topics for informal discussion on campus.

I would also like to welcome the class of 1966 to MIT on behalf of the Institute Committee. MIT has manifold academic and extra-curricular opportunities which may be grasped only if you take the initiative. I urge you to attend at least one "smoker" to see what is offered aside from classes. Anyone with questions on activities or student government may contact the Institute Committee offices in Walker Memorial (50-110).



PEANUTS appears daily and Sunday in The Boston Herald.

Gunshot Victim Found In Charles; River Pollution Noted In Autopsy

The body of Edward J. Statz, Cambridge ex-convict, was found floating in the Charles River Sunday near the Charlesgate Yacht Club, just downstream of Long-fellow Bridge.

Medical examiner Dr. Michael A. Luongo said that Statz had died from a .22 calibre bullet which had entered at the left of the forehead and came out near the ear.

Dr. Luongo's autopsy showed

that the victim had been dead two or three days, but he noted that the polluted condition of the Charles River could bring about faster decomposition of a body than other waters.

Police are theorizing that Statz was shot by gangsters, possibly loan sharks, inside a stolen car and that his body was then dumped into the Charles. The car in question was recovered in Kendall Square last Friday morning. The back seat was saturated with a pool of blood, while bloody smudges covered the driver's seat and the adjacent door.

Statz had lived at various times in Cambridge, Somerville, and Burlington, working at one time for a Cambridge roofing firm. He had a long record of arrests, beginning at the age of 15, and had served time in Concord Reformatory. He was sentenced to 10 to 12 years in Walpole State Prison for unarmed robbery in 1955, being transferred that December to Concord. At the time of his death he was on parole from the latter institution.

RACQUETS RESTRUNG
Prompt Service
Tennis & Squash Shop
67A Mt. Auburn St., Cambridge
(Opp. Lowell House)
TR 6-5417

**Your Room Needs
a Refrigerator**
Unless you want to live with-
out cold drinks, cold snacks,
and warm friends.

Rent one now—
Call
WALCOTT SALES
275-7570

Capitol Formal Shop
TUXEDOS FOR RENTAL
WHITE SUMMER FORMALS
Special Group Rates
1357 Commonwealth Ave.
Allston, Mass.
Phone: ALgonquin 4-2770

UNPAINTED FURNITURE

by **ARISTO-BILT**

**HI-FI CABINETS
DESKS
CHESTS
BOOKCASES
FLUSH DOORS
TABLE LEGS**

**Wide Variety of Sizes
in All Items**

GENERAL BUILDERS SUPPLY CO.

60 Cambridge St., Allston

(Across the river, off Storrow Drive
and next to Coca-Cola plant)

STadium 2-7851

KEenmore 6-4950

Repairs And Construction on Schedule

By Tom Maugh

Extensive construction work on the women's dormitory and the married students' housing project, renovation of parts of the established dormitories, and the partial installation of a dial telephone system in the East Campus highlighted the summer's activities in the residential sections of MIT.

Construction of the new women's dorm is proceeding on schedule, with completion expected late next summer in time for the fall term. The seven-story building will house 116 coeds, a faculty resident and his family, and four guests. It will feature study cubicles in addition to the rooms, a glass study lounge in the pent-house, a large dining room with meals served seven days a week, and a kitchenette on each floor. The \$2,100,000 building was made possible by the generous donation of Mrs. Stanley McCormick of Boston.

Applications To Be Accepted
Applications for the married students' housing project will be accepted late this fall, although the project will not be completed until next summer. With the exception of the interior work, the four 3½ story buildings are complete, and the 16-story main building is going up rapidly. The development, which will be opened next fall, will provide 60 double bedroom apartments in the four small buildings, and 60 one bedroom and 90 efficiency apartments in the large main building, providing 210 apartments for some of MIT's more than 1400 married students.

The \$3,000,000 project is financed through a 3½% loan from the Federal Housing and Home Finance Administration. This 40-year loan will be paid off from the receipts of the apartments.

The prominent feature of the buildings will be a small variety store, the only of its kind on the campus, which will sell essential grocery items to prevent needless extra trips to distant supermarkets. Although it will not replace these larger stores, it will serve to provide most of the es-

entials that are commonly needed.

A feature of the large building is that the basement is "floated," the only large building on campus where this is so. All of the water was pumped out of the foundation and a thick concrete matting was poured to support the building. Since the weight of the building will more or less equal the weight of the dirt removed, the building should not settle. This method can be used only when there are no other large buildings around, however, since draining of all the water would cause the others to settle.

When the five buildings now under construction are filled and operating smoothly, an additional five, exactly like the present ones, will be constructed to meet additional needs.

Senior House Rumpus Room

The basement of the Crafts section of Senior House has been paneled, relit, and painted to provide a rumpus room for the residents. It will contain ping-pong tables and probably a pool table. Although part of the work was done last summer—tearing out the partitions and putting in a new floor—the work was not completed until just recently.

Also, the Crafts, Holman, and Nichols units were completely rewired during the summer, so that the whole building now has all new electric wiring.

Talbot Finished

The East Campus Talbot Lounge has been refurbished, with new drapes, rugs, and some new furniture being installed. Featured in the new arrangement is a large round meeting table in the middle of the room. The residents also received a new pool room in the basement of Walcott, although no table have been installed yet.

Phones Installed

Desk-type telephones have been installed in all the rooms in both East Campus and Senior House, replacing the outmoded wall telephones. However, money is not yet available to connect the automatic switching equipment, so the phones are still operating from the East Campus switch-board. Completion of the project is awaiting either a further grant from the Institute, or a donation from the alumni, since the original grant covered only the purchase of the equipment from the John Hancock building and the installation of the phones. It is hoped that money will be found this winter to complete the job.

Sleeping in Halls

Twelve people at Baker House will literally be sleeping in the halls, as rooms have been made out of a large portion of unused hallways. The rooms will house seven students and five tutors, and are said to be some of the better rooms in the house. Baker also has recieved a refurbished

laundry room, with several new automatic washers and dryers.

One floor of Baker House was redecorated this year (normally, a floor of each house is redecorated each year), marking the first time any major maintenance has been undertaken since the house was constructed in 1949. From now on, a regular program will be maintained.

Burton Halls Painted

All of the public halls in the Conner section of Burton House have been painted during the summer. Also, the showers and other facilities have received new tile to replace the old linoleum on the walls and floors.

The most noticeable change at Burton, however, is the addition of a new sign, similar to that of Senior House. In the past, Burton has had no identification at all. Signs of a similar nature will eventually be put up in all the houses.

Movie Schedule

(Unless otherwise stated, the Sunday schedule is the same as the weekday schedule except no movies are shown before 1 p. m.)

ASTOR— "Music Man," Mon.-Sat. at 9:00, 11:30, 2:00, 4:35, 7:05, 9:35; Sun. at 1:10, 3:45, 6:22, 9:00.

BEACON HILL— "The Best of Enemies," 9:35, 11:35, 1:35, 3:40, 5:40, 7:45, 9:45.

BOSTON CINERAMA— "The Wonderful World of the Brothers Grimm," Mon., Tues. at 8:30; Wed., Thurs. at 2:30, 8:30; Fri., 8:30; Sat., 1:30, 5:00, 8:30; Sun., 1:30, 5:00, 8:15.

BOSTON MUSIC HALL— "The Intertitles," 10:00, 1:00, 4:00, 7:00, 10:00; and Stage Show, 12:00, 3:00, 6:00, 9:00.

BRATTLE— Through Saturday, "The Earrings of Madame De," 7:30, 9:30; Sunday through Sat., Sept. 22, "Jules and Jim," Mon.-Fri., 5:30, 7:30, 9:30; Sat., Sun., 3:30, 5:30, 7:30, 9:30; Starting Sunday, Sept. 23, "Last Year at Marienbad."

CAPRI— Through Tues., "Lolita," 10:40, 1:20, 4:00, 6:40, 9:15; Starting Wed., "Pressure Point," 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00.

EXETER— "A Matter of WHO," 2:15, 4:00, 5:45, 7:35, 9:30.

FENWAY— "Viridiana," no times available.

GARY— "West Side Story," 2:30, 8:30.

KEITH MEMORIAL— "Three Hundred Spartans," Mon.-Sat., 9:30, 12:25, 3:30, 6:30, 9:30; Sun., 1:00, 3:55, 6:52, 9:48; and "The Broken Land," Mon.-Sat., 11:25, 2:25, 5:30, 8:30; Sun., 2:53, 5:49, 8:45.

LOEW'S ORPHEUM— Through Thurs., "Seven Brides for Seven Brothers," Mon.-Sat., 11:45, 2:45, 5:15, 9:45; Sun., 1:40, 5:40, 9:15; and "Father of the Bride," Mon.-Sat., 9:30, 1:00, 4:30, 8:00; Sun., 3:40, 7:40; Starting Friday, Sept. 21, "I Thank a Fool" and "Watch Your Stern."

MAYFLOWER— Through Tuesday, "Advise and Consent," 10:00, 12:50 (1:00 Sunday), 3:35, 6:20, 9:10.

MIT KRESGE AUDITORIUM— Sat., Sept. 15, "Bad Day at Black Rock," 8:30 (free); Fri., Sept. 21, "Illicit Interlude," 6:30, 9:00; Sat., Sept. 22, "Exodus," 8:00.

PILGRIM— Through Monday, "I Spit On Your Grave," Fri., Sat., Mon., 9:30, 12:20, 3:20, 6:20, 9:20; Sun., 1:00, 3:50, 6:45, 9:40; and "Bourbon Street Shadows," Fri., Sat., Mon., 11:10, 2:10, 5:10, 8:10; Sun., 2:40, 5:30, 8:25.

SAXON— Through Tues., "Stowaway in the Sky," 10:00, 1:00, 4:00, 7:00, 10:00; and "The Lost Continent," 11:20, 2:20, 5:20, 8:20.

UPTOWN— Through Tues., "Boys Night Out," 1:05, 5:15, 9:25; and "Five Finger Exercise," 11:05, 3:10, 7:20; Starting Wednesday, "Miracle Worker," 1:05, 5:20, 9:35; and "My Geisha," 11:00, 3:10, 7:30.

Theatre Schedule

ACTORS PLAYHOUSE— Through Sun., Sept. 23, "The Zoo Story" and "The American Dream," Tues., Wed., Thurs., Sun., 8:40; Fri., Sat., 7:00, 9:15.

ANATONIAN PLAYERS (POETS THEATRE)— Through Sat., Sept. 15, "Two for the Seesaw," 8:30.

CHARLES PLAYHOUSE— "Three Penny Opera," Tues.-Fri., 8:30; Sat., 5:30, 9:00; Sun., 3:00, 7:30.

COLONIAL— "Mr. President," 8:25; Matinees Sat., Sept. 15, 2:25; Wed., Sept. 19, 2:15, Thurs., Sept. 20, 2:15.

LOEB DRAMA CENTER— Opening Sept. 21, "The Misanthrope," Mon.-Sat., 8:30.

SHUBERT— "The Unsinkable Molly Brown," 8:30; Matinees Wed., Sat., 2:30.

WILBUR— Through Sat., Sept. 15, "The Affair," Fri., 8:30, Sat., 2:30, 8:30; Opening Mon., Sept. 17, "Come On Strong"; opening night, 8:00; otherwise, Mon.-Sat., 8:30; matinees Wed., 2:15; Sat., 2:30.

ELIOT COFFEE SHOP

Where all the students eat
"We don't just make our
sandwiches, we build 'em!"

**Our Fantabulous
Special**

Eat two all beef hamburgers
and get the third one free.

85 Mass. Ave., Boston

YOU SAVE

when you buy and sell

USED BOOKS

at

BARNES & NOBLE

28 BOYLSTON ST. AT HARVARD SQ.

CAMBRIDGE, MASS.

UN 4-0640

HI-FI OPENS FRIDAY SEPTEMBER 21 SHOW

Tear out this special discount ticket and bring it with you to the show — Save 25c.

SAVE 25c

SAVE 25c

Special Discount Coupon
NEW ENGLAND
STEREO/HIGH FIDELITY SHOW
MID-TOWN MOTOR INN, 220 Huntington Ave., Boston
(near Symphony Hall)

Sept. 21—Friday 4 to 10:30 p.m.	Sept. 22—Saturday Noon to 10:30 p.m.	Sept. 23—Sunday 1 to 8:00 p.m.
------------------------------------	---	-----------------------------------

- ★ See the latest in stereo components
- ★ More than 30 different displays
- ★ Free Kit Clinic
- ★ Have your amplifier checked out free
- ★ See how leading deconators use stereo components
- ★ Hear your own voice in stereo

Register at the door for thousands of dollars in free prizes.
Regular Admission 75c, Admission only 50c with this special discount tickets.

SAVE 25c

SAVE 25c

Entertainment-wise

2 New Theatre Groups Await Playgoers

By Joseph Hanlon

Two new local theatre groups began operation this summer, and one closed. The new additions are The Actors Playhouse and The Antonian Players, while the Poets Theatre has temporarily ceased operation.

Both new groups are non-Equity and use primarily local talent, and both groups hope to do better quality plays which might not otherwise get a production in the Boston area.

Actors Playhouse

The Actors Playhouse gives performances in a 95 seat "French court" style theatre in the Hotel Bostonian. The directors are Alan Leavitt, who runs the Actors Workshop in Boston, and Samuel Hirsch, who is chairman of the acting and directing division of the Boston University School of Fine and Applied Arts.

The current production is Edward Albee's "The Zoo Story" and "The American Dream." The next production will be August Stinberg's "The Father."

Antonian Players

The Antonian Players are actually not new to the Boston area, having performed off and on for five seasons. After the current production, "Two For The Seesaw" closes tomorrow night, the group will be theatre-less, but negotiations are now in progress for a new theatre and they hope to re-open in November.

Other productions this summer by the Antonian Players included "Rashomon" and "Royal Gambit."

Poets Theatre

After 12 years, the Poets Theatre has temporarily ceased operation. Harold Smith, chairman of the board of the theatre stated that they were not going to produce his season because they did not have the necessary personnel.

In the past they have produced plays by new writers and have sponsored such things as "Jules Feiffer and His People" and "An Evening With Mike Nichols and Elaine May."

Club Mt. Auburn 47

MEMBERSHIP—25c
DUES—\$1 PER VISIT
All Events 9 p.m.-1 a.m. Unless Noted
Fri., 14th—Eric Von Schmidt
Sat., 15th—Charles River Valley Boys (8 p.m. to 12 p.m.)
Sun., 16th—Hootenanny—open to all
Mon., 17th—Zola and Mitch Greenhill
Tues., 18th—Keith and Rooney
Wed., 19th—Tom Rush
Thurs., 20th—Jackie Washington
Fri., 21st—Eric Von Schmidt
Sat., 22nd—Charles River Valley Boys (8 p.m. to 12 p.m.)
Sun., 23rd—Hootenanny—open to all
Mon., 24th—Zola and Mitch Greenhill
Tues., 25th—Keith and Rooney
Wed., 26th—Tom Rush
Thurs., 27th—Jackie Washington
Fri., 28th—Eric Von Schmidt
Sat., 29th—Charles River Valley Boys (8 p.m. to 12 p.m.)
Sun., 30th—Hootenanny—open to all

Cafe Yana

50 Brookline Ave. (near Kenmore Sq.)
Fri., Sept. 14, Jeff Gerber, \$1 cover.
Sat., Sept. 15, Guitar Nubbit, \$1 cover.
Sun., Sept. 16, no entertainment, no cover.
Mon., Sept. 17, Jeff Gerber, 50c cover.
Tues., Sept. 18, Don MacSorley, 50c.
Wed., Sept. 19, Bruce Farrell, 50c.
Thurs., Sept. 20, Ruth-Ellen, 50c.
Fri., Sept. 21, Bill Lyons and Don MacSorley, \$1.
Sat., Sept. 22, Guitar Nubbit, \$1.
Sun., Sept. 23, Jeff Gerber, 50c.
Mon., Sept. 24, Peter Crego, 50c.
Tues., Sept. 25, Jeff Gerber, 50c.
Wed., Sept. 26, Bruce Farrell, 50c.

Dave Brubeck
I'm in a Dancing Mood

Ray Conniff
The Way You Look Tonight

Miles Davis
If I Were a Bell

The Brothers Four
Marianne

André Previn
Like Love

Duke Ellington
Perdido

Carmen McRae
Paradiddle Joe

Roy Hamilton
Angel Eyes

Gerry Mulligan
What Is There To Say

The Hi-Lo's!
Everything's Coming Up Roses

Lambert, Hendricks & Ross
Cloudburst

Buddy Greco
The Lady Is a Tramp

Swingin' Sound!

COLUMBIA SPECIAL PRODUCTS
A Service of Columbia Records

Great new record offer (\$3.98 value)...just \$1.00 when you buy Sheaffer's back-to-school special!

Now when you buy your Sheaffer Cartridge Pen for school, you get 98¢ worth of Skrip cartridges FREE...a \$3.93 value for just \$2.95. Look for Sheaffer's back-to-school special now at stores everywhere. On the back of the package, there's a bonus for you...a coupon good for a \$3.98 value Columbia limited-edition record. It's "Swingin' Sound", twelve top artists playing top hits for the first time on a 12" L.P. This double-value back-to-school offer good only while they last! So hurry, choose your Sheaffer Cartridge Pen from five smart colors...and mail your "Swingin' Sound" record coupon today.



SHEAFFER'S BACK-TO-SCHOOL SPECIAL!
New cartridge pen with 98¢ worth of cartridges FREE.

\$3.93 VALUE FOR \$2.95

SHEAFFER'S

©1962, W.A. SHEAFFER PEN COMPANY, FORT MADISON, IOWA.



When Godiva, that famed lady fair,
Told her husband, "I've nothing to wear,"
With his Swingline in hand,
He stapled a band
And said, "Wear this, my dear, in your hair!"

SWINGLINE STAPLER



98¢
(including 1000 staples)
Larger size CUBA desk
Stapler only \$1.40

No bigger than a pack of gum
Unconditionally guaranteed!
Refills available anywhere!
Get it at any stationery, variety or book store!
Send in your own Swingline Fable.
Prizes for those used.

Actors Playhouse Is Offering 2 Plays By Albee Till Sept. 23

Edward Albee's "The American Dream" and "The Zoo Story" are currently being presented at the Actors' Playhouse in the Hotel Bostonian.

Both plays are being directed by Samuel Hirsch, who designed by David Hoffman (Formerly of the Radio City Music Hall), and costumes by Kitty Haas.

"The Zoo Story" received its off-Broadway premier in 1960, and won that year's Vernon Rice Memorial Award.

The production will continue through September 23, with performances nightly except Monday. The Hotel Bostonian is at 1138 Boylston Street, near the Fenway.

MINUTE MAN RADIO

28 Boylston St. - UN 4-8727 - Harvard Sq.

HI FI COMPONENTS

Fisher — H H Scott — McIntosh — Ampex
AR Speakers — Harman Kardon — Sony
Garrard — Wollensak — Miracord — Electra Voice
LP Records - Stereo Tapes - TV Rentals

SALES & SERVICE

Store Hours: Monday thru Saturday, 8:45 a.m. - 5:45 p.m.
Thursday Nights till 8:45 p.m.

theatre . . .

'3-Penny Opera' Retains Original Bite

By Charles Foster Ford

"The Threepenny Opera", which opened Tuesday night at the Charles Playhouse, ran for years in downtown New York. Its music, by Kurt Weill, has been recorded several times. The methods of irony and dramaturgy used by Bertold Brecht in writing the play — and "The Threepenny Novel" — and a filmed "Threepenny Opera" — and their comparison with John Gay's "The Beggar's Opera," on which it is based, have been discussed by Modern Drama survey courses for many years. What sense is there in a new production of this little musical in Boston?

This production of 3 PENNY at the Charles Playhouse is important because here Michael Murray, its director, has preserved the bite and bitterness, the inevitable moral Brecht had in mind, which may have been absent in other, gayier productions. They have seen to it that those who begin by laughing at the play come at last to be laughing at themselves. It had to be a "3-penny" opera, a signboard states, so that beggars could afford it, and as it unfolds, it becomes an in-

"THE THREEPENNY OPERA," a musical play in three acts with original text and lyrics by Bertolt Brecht suggested by John Gay's "The Beggar's Opera," and music by Kurt Weill; English adaptation by Marc Blitzstein; directed by Michael Murray, with Richard Parriello; lighting by Roger Johnson, Jr.; scenery by David Mitchell; and costumes by Lewis Smith; presented last night by Jerome Rosenfeld and Frank Sugrue at the Charles Playhouse with the following cast:

A Street Singer	John Devlin
Jenny Diver	Gerry Jedd
Mr. J. J. Peachum	Norman Roland
Fitch	Robin Ramsey
Captain Macheath	Stephen Elliott
Polly Peachum	Sherri Malinow
Ready money Matt	Vincent Romeo
Hookfinger Jake	Frank Murphy
Walt Dreary	John Peakes
Bob the Saw	Jerry Gershman
Rev. Kimball	Robin Ramsey
Tiger Brown	Clinton Anderson
Mrs. Peachum	Dee Victor
Lucy Brown	Dena Dietrich
Betty	June Lion
Molly	Ruth Boland
Coaxer	Jane Winger
Dolly	Nancy Stevens
Warden Smith	Fred Ainsworth
A Constable	Bob McKeon

dictment of everyone in the audience who can afford to spend \$4.92 more than that figure on entertainment.

Real Poverty, Brecht says, makes heroes of those ruthless enough to make money where they can, and so our hero is Mack The Knife: (Stephen Elliott): housebreaker, ringleader, crackman, and murderer. He has at

least two wives, still spends his Thursdays in a brothel, and has power and money enough to live high. His new bride is Polly Peachum (Sherry Malinow), ingenious if not innocent, sweet, plump and pretty. Miss Malinow's voice is occasionally a bit too pure, but then, so is Polly herself.

The Peachums, her parents, oppose the match, because Polly married is no longer a source of income for them. Dee Victor, as Mrs. Peachum, is as light and hearty as an autumn breeze; you don't realize the icicle at its heart till later.

trifle with. As "The Beggar's Big trifle with. As "The Beggar's Big Brother," he holds power himself. He heads the "respectable poor," the actors and charlatans whom he licenses to beg the London streets. Norman Roland here has opportunity to discourse on the fleetingness of pity as a cash commodity. It's through Roland's sarcasm that much of the play's message is hurled at the audience.

Peachum's tool of revenge is "Tiger" Brown, London's police commissioner. Mack's old war-buddy, and accomplice by bribe in all his undertakings. Clinton Anderson, as Brown writhes with his honor, but cannot withstand Peachum. "Do what you will with your queen," Peachum warns, "but step on one of these (the poor) and your career is finished."

Mack's fate is sealed by an old girl friend, Jenny, and he's caught not once but twice in that Highgate brothel. Gerry Jedd plays a cynical, brooding, philosophizing Jenny to perfection. The hustlin' gals who sit listening to her bloodthirsty childhood dreams are no less hypnotized than the audience.

Mack is once saved by a previous wife, Lucy Brown, whose hilarious description of herself as a girl who used to say "no" is superbly sung by Dena Dietrich. But despite all Mack is caught; despite all he goes to the gallows.

When Peachum stops the show to provide a happier ending — when he insults his audience for expecting, or needing — it is as Brecht, himself, that he speaks. He says, in essence, I can change the end on this stage, because this is just a play; but if you want to change the real ending, out in the streets, you will have to concern yourself with much more than your own personal prosperity.

This message is just as pointed, just as unsettling today as it was in the 1920's in Germany. It is good to see again the steely glint of reality behind the comic mask.

Making The Scene

The Boston Renaissance Players under the direction of Daniel Pinkham will play a program of XIV, XV, XVI and XVII century music. Gardner Museum, Sunday, Sept. 16, 3 p.m. Free.

Violin Recital by Charles Castleman. Gardner Museum, Sunday, Sept. 23, 3 p.m. Free.

Patterson-Liston Fight; closed circuit TV. Donnelly Memorial Theatre, Tuesday, Sept. 25. Reserved seats \$5.50 and \$8.50.

Ginny Smith Jazz Organist and Gloria Lynn. Donnelly Memorial Theatre, Saturday, Sept. 29.

Dean Harold Hazen Wins Lamme Medal

The nation's highest award in engineering education was bestowed during the summer on Professor Harold Hazen, Dean of the MIT Graduate School.

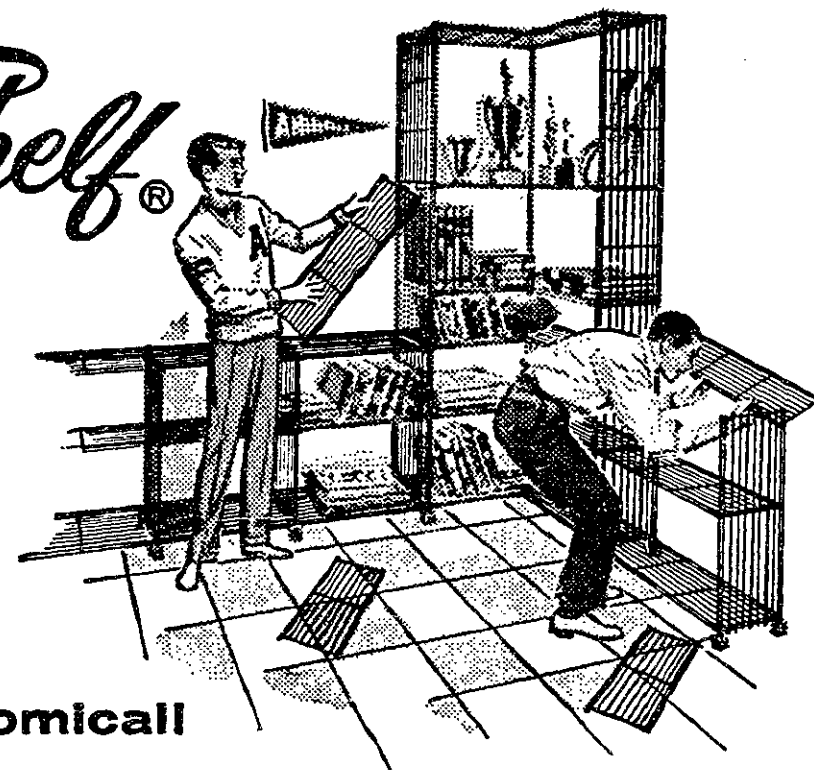
Dr. Hazen received the Lamme Medal at the annual meeting of the American Society for Engineering Education in June. He was cited for contributions to teaching, and for leadership in the development of engineering faculties.

Just What You've Needed for Your Books!

Erecta-Shelf®

Design it yourself...
To Fit Your Space
and Needs

So easy... So economical



You don't have to be an engineering major to design and assemble your own bookcases, room-dividers, or TV and Hi-Fi units with Erecta-Shelf. It's fun . . . simple . . . practical and inexpensive!

By combining just 4 panel sizes in satin black or gleaming brass wrought iron, there's no limit to the number of arrangements you can design to fit your space and needs. Note that straight panels can be used horizontally or vertically . . . and horizontal panels may be attached at any desired height on the vertical panels.

EASY TO ADD TO OR TAKE APART

Anytime you wish to make your unit taller, longer or deeper simply add more Erecta-Shelf panels . . . or change the arrangement completely. It's a cinch to disassemble for moving too. Plan your unit (we'll help you if you wish) and come in for your Erecta-Shelf panels and free detailed brochure.

ERECTA-SHELF PRICE LIST

Panel Sizes	Satin Black Finish
20" Panel	1.99 ea.
24" Panel	2.39 ea.
30" Panel	2.89 ea.
Corner Panel (24" x 24")	3.99 ea.
Wood Bases	.19 ea.

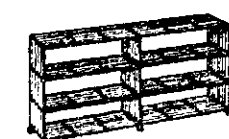
Tech Coop



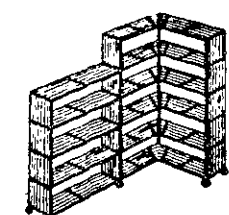
Vertical Bookcase
Consists of 7-20" Panels,
4-30" Panels, 4 Wood
Bases. Assembled Size
60" H x 22" L.



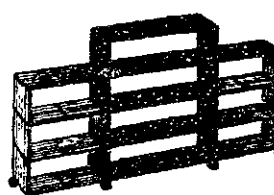
Television and
Phone Unit/Bookcase
Consists of 6-30" Panels,
6-24" Panels, 8 Bases.
Assembled Size
30" H x 72" L.



Horizontal Bookcase
Consists of 11-30" Panels,
6 Wood Bases. Assembled
Size 30" H x 63" L.

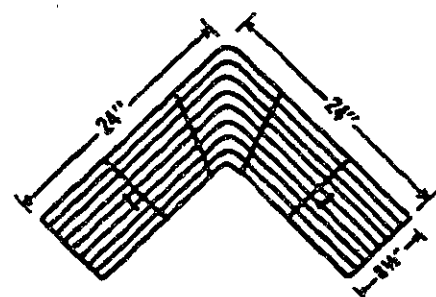
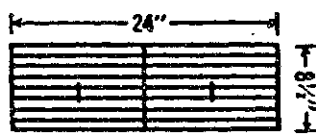
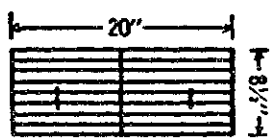


Corner Step-down Wall
Case or Room Divider
Consists of 4-20" Panels,
5-24" Panels, 2-30" Panels,
6 Corner Panels,
7 Wood Bases. Assembled
Size 50" H x 50" L
x 25" L.



Room Divider/Bookcase
Consists of 4-30" Panels,
8-24" Panels, 7-30" Panels,
8 Wood Bases.
Assembled Size
40" H x 82" L.

Countless Units
can be designed with
these 4 PANEL SIZES



WTBS In 2nd FM Year, Features Live Jazz Shows

WTBS resumed broadcasting Monday evening. Starting its second year on the air, student-operated WTBS broadcasts to the Boston area at 88.1 megacycles FM as a licensed, non-commercial educational station, and also, to the campus at 640 kilocycles AM and via audio lines as a closed-circuit commercial outlet.

William Mohn '63, station manager, points out that a significant amount of WTBS's electronic

equipment has been designed and constructed by the student staff. Largely transistorized, this equipment meets professional FM broadcast quality standards while being tailored for the specific needs of WTBS.

In its daily program schedule for September, the station will air music ranging from classical to early Negro folk songs. Much of the jazz and folk music will be broadcast "live"

theatre . . .

Moliere Is Loeb Treat

By Charles Foster Ford

The name Moliere, 'til now, meant to me only the consequence of defining prose as everything that is not poetry, and a few blurred but unhappy moments in high school French classes. Thanks to the Loeb Drama Center production of "The Misanthrope," all is changed.

The backbone of this production is Richard Wilbur's translation into English verse of the couplet form which Moliere used; two hours of unmitigated meter and witty rhyme which grows more enjoyable as the evening progresses.

"The Misanthrope" is the portrait of Alceste, who hates, denounces, finally renounces a world which cannot be as truthful, as blunt (nor as brutal nor pig-headed) as himself. His major flaw is his unconquerable love for Celimene, the biggest flirt and liar of the lot. Given these, and a few horrid examples of society (Oronte the amateur poet, the two simpering marquesses, and the pompous prude Arsinoe), and the cooler heads of the philosophic Philinte and the modest Eliante to watch the clash, and there is no more to say about plot.

But plot for Moliere was trivial; what matters is the execution. The play itself is like the exposition of a symphony, the precise line of a minuet. This is an excellently glittering production and these are a few favorite facets of the gem.

In Act 1, Oronte (Sam Abbott, playing the caricature to perfection) asks of Alceste (Peter Haskell) his "frank and honest" opinion of a sonnet. Alceste tells him. The explosion resulting is one of pure laughter. Haskell seems to enjoy playing this bundle of gruff, antisocial honesty.

Celimene (lovely, witty, wicked Lucy Stone) shows her character

THE MISANTHROPE, by Moliere; verse translation by Richard Wilbur; produced by Robert Chapman; directed by George Hamlin; sets by Horace Armistead; costumes by Lewis Smith; lighting by Tom Vachon; at the Loeb Drama Center, Harvard University.

The Cast

Alceste	Peter Haskell
Philinte	Paul Barstow
Oronte	Samuel Abbott
Celimene	Lucy Stone
Eliante	Lynn Milgrim
Arsinoe	Joanne Hamlin
Acaste	Harry Smith
Citandre	David Cole
Basque	Richard Frost
A Guard of the Marshalsea	Roger Gans
Dubois	Kenneth Tigar

"The Misanthrope" will reopen at the Loeb Drama Center Friday, Sept. 21 and will run until Sept. 23 with the following change in the cast:

Celimene	Frances West
----------	--------------

by skewering all her absent friends, for the delight of friends present and applauding. Eliante (Lynn Milgrim) delivers a short ode to love's blindness which was designed to stop the show, and does.

Arsinoe (Joanne Hamlin) and Celimene engage in a devastating duel over their respective reputations. The speeches are a hilarious example of classically balanced viciousness.

And these are but a few of many bright moments. Philinte (Paul Barstow) argues well but unheard in mankind's favor, and his unusual love scene with Eliante is the height of mannered charm. Ken Tigar, entering as Dubois in Act IV, makes the economical most of every pause and gesture.

Horace Armistead's set is a subtle masterpiece of quite complicated simplicity. With a painted alcove, and a pair of stairs, he has managed to give the stage twice its actual depth. A forced-perspective ceiling doesn't quite work, but the rest is fine and serves as subdued background for Lew Smith's dazzlingly colorful and expressive costumes. ("Sam Abbott looks like a strawberry sundae," they say backstage.)

George Hamlin has directed the play so that interpretation, balance and pace appear to rise spontaneously in a group of people playing themselves. He has mounted a play in which his own work is never obvious. It is, throughout, effortless, delightful, and delicious.

Kit Clinic Exhibit At Hi Fi Show

A "Kit Clinic" will be one of the New England Stereo High Fidelity Show.

New designs in amplifiers, speakers, tuners, record players and tape recorders will be demonstrated in more than thirty separate displays.

Laboratory test apparatus will be available to anyone who wants to bring in his amplifier and have it checked out professionally. Technical experts will be in attendance to recommend adjustment and modification where needed.

At the kit clinic, experts will explain how to build kits and answer questions on construction techniques.

The show will take place at the Mid-Town Motor Inn, 220 Huntington Avenue; it will be open from 4 p.m. to 10:30 on Friday Sept. 21, noon to 10:30 p.m. Saturday, and 1 to 8 p.m. Sunday. Admission is 75c.

WTBS Schedule

Sunday	7:00 p.m.—	7:00 p.m.—
Folkside	Jazz Special	
9:05 p.m.—	Night Owl	
Masterworks	2:05 a.m.—	
1:05 a.m.—	Sign Off	
Sign Off	6:45 p.m., 10 p.m., 2 a.m.—	
6:45 p.m., 9 p.m., and 1 a.m.—	News	
Monday to Thursday	7:00 p.m.—	
Tempo	Jazz Spotlight	
10:05 p.m.—	9:00 p.m.—Folk Music from Club 47	
Masterworks	10:05 p.m.—	
1:05 a.m.—	Night Owl	
Sign Off	2:05 a.m.—	
6:45 p.m., 10 p.m., 1 a.m.—	Sign Off	
News	6:45 p.m., 10 p.m., 2 a.m.—	
Friday	News	

AT INTERNATIONAL...

It isn't dark, with cold coffee, or with bearded guitar players, or bongo players, or poets reciting blank verse

BUT...

there are 22 delicious varieties of pancakes, recipes from around the world, including such romantic spots as France, Brazil and even Hawaii. The coffee is hot, the decor exceptionally attractive.

YOUR DATE WILL LOVE IT. YOU'LL EVEN LOVE IT WITHOUT A DATE. THAT'S HOW GOOD THE FOOD IS.



International House of Pancakes

Soldiers Field Road, at
Birmingham Parkway,
Brighton, Mass.

OPEN: 7 a.m. until midnight
Sunday through Thursday
7 a.m. until 2 a.m.
Friday and Saturday.

School's a kick with Scripto.

Before you start tackling your schoolwork, better go out for an extra point (or three) by Scripto. Not one of them costs more than a dollar.



A. Scripto Wordmaster Ball Pen. No-skip fine or medium points write on anything. Tele-Gauge refill lets you know when the ink is low. Six handsome colors. \$1. B. Scripto Ink Cartridge Fountain Pen. Drop-in cartridge writes hundreds of tests, quizzes and phone numbers in blue, black, red or green ink. Fine or medium point. \$1. C. Scripto Thin Lead Mechanical Pencil. Sleek, rugged, elegant. Writes with extra fine lead. With reserve eraser and spare leads. Six colors. \$1. Scripto makes the Tilt-Tip® Pen and a complete line of quality ball pens, fountain pens and mechanical pencils from 29¢ to \$1.98. In Canada, too.

Scripto

G. L. FROST Co., Inc.

AUTOMOBILE BODY REPAIRING & REFINISHING
E. W. PERKINS 31 LANSLOWNE STREET
Tel. ELiot 4-9100 CAMBRIDGE, MASS.

CENTRAL WAR SURPLUS

433 MASS. AVE. TR 6-8512

CENTRAL SQUARE, CAMBRIDGE

Camping and Sporting Equipment

Gym and Tennis Supplies

Football Gear

Parkas at Lowest Prices

Outdoor Clothing

Army and Navy Gear

Cots and Beds

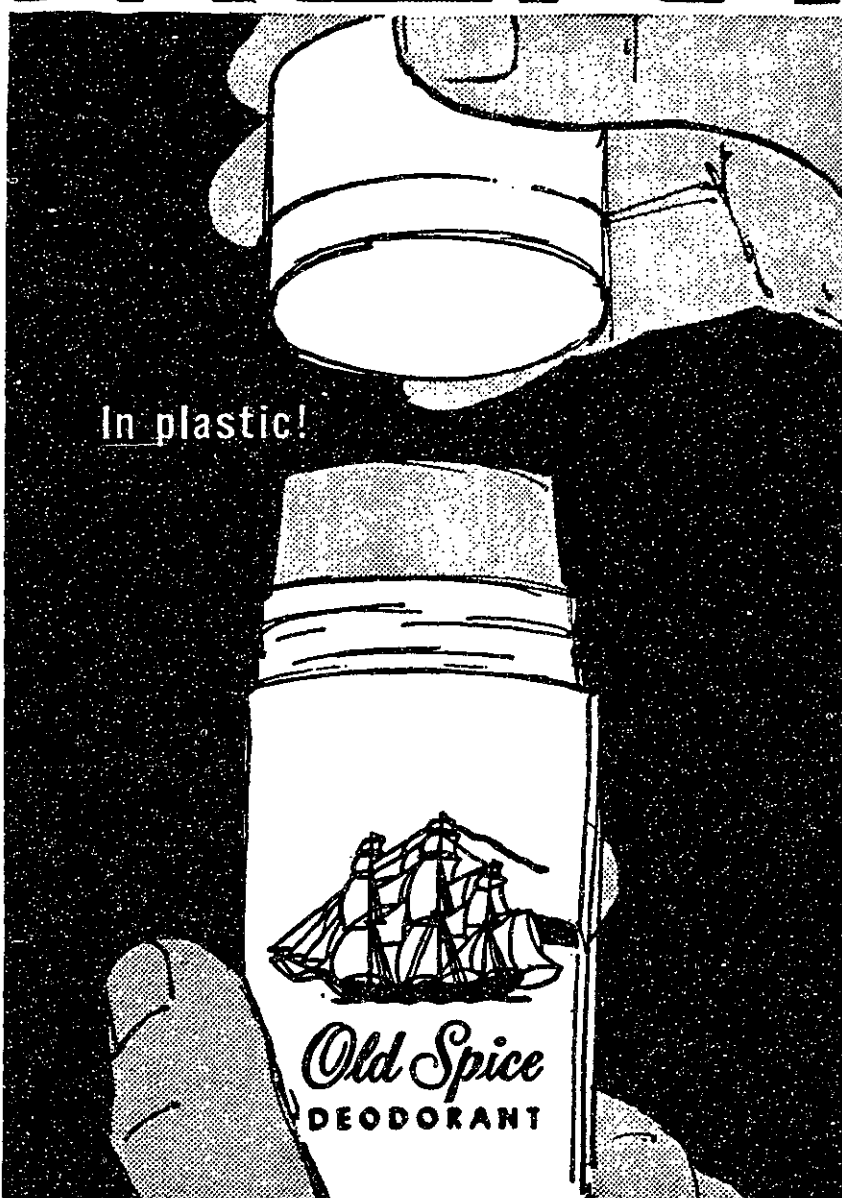
Sheets, Pillows, and Blankets

At Big Savings

WELCOME!

Come In and Browse Around

MEN!



Here's deodorant protection

YOU CAN TRUST

Old Spice Stick Deodorant...fastest, neatest way to all-day, every day protection! It's the active deodorant for active men...absolutely dependable. Glides on smoothly, speedily...dries in record time. Old Spice Stick Deodorant—most convenient, most economical deodorant money can buy. 1.00 plus tax.

Old Spice STICK DEODORANT
SHULTON

College World

Room Decorations For Sale, Cheap!
Apply At Jailhouse, Putney, Vermt.

People spend their summer vacations in a number of ways. One of the most popular is just to get into a car and tour the country.

This is the way a coed from Reed College in Oregon decided to spend her summer, and like most people in a similar position, she simply had to collect souvenirs. She was passing through Putney, Vermont, when she happened to spot just the thing she needed to decorate her dormitory room. So she opened the trunk of her car and stashed the souvenirs away.

Everything went fine until she got to Scituate, Rhode Island. There she had the misfortune to be stopped by the state police for a routine check. Naturally she was asked to open the trunk.

When the three tombstones were found, she was immediately taken into custody. She explained, while being held for Vermont officials, that she didn't think anyone would ever miss the tombstones.

"Approved" Apartments

Students at the University of Vermont have returned from their summer vacations to find a new set of housing regulations in effect. All Freshman, Sophomore, and Junior men are now required to live in either dorms or fraternity houses. Seniors are permitted to live in "approved" apartments under the following conditions:

Apartments must be no larger than one room and can have no private cooking facilities. A "University-approved" resident must be present in the apartment building at all times. If this resident goes away for any reason, he must be replaced by a University-approved substitute during his absence.

Apartments are to have no private entrances. They must be open to inspection by the dean's office at all times. Furthermore, apartment owners must report all infractions of University regulations to the dean's office at once.

Battle of the Buck

No, the Vermont students did not take the news lying down. In fact, when they were informed of the changes in May, 1961, they hanged the Dean in effigy. Also, a student organization was formed to combat the new rules.

The University of Vermont was in the process of trying to raise funds for a new gymnasium. All students were asked to pledge \$35 to the cause. The first step in the battle to rescind the housing rules was, naturally, to get all the students to withdraw their pledges. It was hoped that when enough pledges were withdrawn, the University would be panicked into rescinding the rules. This didn't work.

The next step was the circulation of a petition reading: "We, the undersigned, hereby protest the proposed housing regulations for senior men in the most emphatic terms. We, therefore, resolve not to make contributions of any kind to the University of Vermont upon graduation and for ten years after if these proposals are put into effect." The petition

was signed by a large portion of the students and was endorsed by almost all the student government groups on campus. To further emphasize the protest, several mass rallies were held, as well as meetings with administration officials.

But neither petitions, nor rallies, nor meetings, nor effigies could change the plans of the administration. The new regulations are going into effect, without modification, this fall.

A second type of petition involving a college made the newspapers over the summer. This was a petition to the New York State Supreme Court seeking the reinstatement of three students who had been expelled by St. John's University in Brooklyn. A fourth expelled student did not court action.

The four were expelled because of their role in a civil marriage ceremony. They were the bride, the bridegroom, and the two witnesses. The bride and groom were married in a civil ceremony in the Brooklyn Municipal Building on March 13. They were married again on April 12 before a priest in St. John the Evangelist Roman Catholic Church in Manhattan.

On April 18, the four students were notified of their expulsion because the civil ceremony was "gravely sinful" and a "source of public scandal."

The university based the expulsion on a regulation which reads: "In conformity with the ideals of Christian education and conduct, the university reserves the right to dismiss a student at any time on whatever grounds the university judges advisable."

The groom explained that he and his wife were ~~wed~~ in a civil ceremony because he thought he was going to be called into military service within a few days and felt it would not allow sufficient time for the posting of the banns and other formalities required in a Catholic marriage. When he was not called into the service, a Catholic ceremony was performed.

Following the expulsions, the matter was taken before the State Supreme Court, which ordered the students reinstated. The court ruled that requiring students to conform with the "ideals of Christian education and conduct" was "vague and indefinite" and could take on a variety of meanings.

"These people had a perfect right to get married," said the judge. "It is no business of the university to supervise their manner of marriage."

Saying that the court decision was "not justified by the law or facts," St. John's University has announced that it will appeal the court decision.

SALE
TRUCKLOAD OF
USED VESPA
Rental Scooters
FROM CAPE COD!

ALL 1962 MODELS!

Values to \$383

Now \$99⁹⁵ to \$275!

As little as \$10 down!

90 DAY NEW

SCOOTER GUARANTEE!

BOSTON

VESPA CO.

949 Commonwealth Ave.

At B.U. Field

LAUNDRY and DRY CLEANING CLEANING

Quick - Dependable - Fine Quality

**Big Saving with
The Patronage Refund**

Tech Coop

Samuel Bluestein Co.
School-Engineering Supplies
Ask About Student Discount
1080 Boylston St., Boston
CO 7-1102
345 Main St., Malden
DA 2-2315

**FIRST UNITED
PRESBYTERIAN
CHURCH**

1418 Cambridge St.
Cambridge

Preaching The Word of God

Services 11:00-7:30
only United Presbyterian
Church in Cambridge

SQUASH RACQUETS
All Makes—Large Variety
Tennis & Squash Shop
67A Mt. Auburn St., Cambridge
(Opp. Lowell House)
TR 6-5417

Planning a New Hi-Fi System
Or Adding To An Old One?

WORLD-TRONICS

Is the place to go for Kits, Parts & Components

1069 Massachusetts Avenue

UN 8-7070

Between Harvard Square and Central Square

America's Cup Exhibit At Hayden

America's Cup Races are the subject of an exhibit which opened today. It also features models, plans and photographs of this year's competitors.

The collection will be shown from September 14 through October 2 in the New Gallery and is open to the public without charge weekdays from 10 to 5 p.m. and Saturdays and Sundays from 1 to 5 p.m.

Towing tank models and drawings of the American trial boats—Columbia, Easterner, Nefertiti and Weatherly—and of the Australian challenger Gravel have been loaned to M.I.T. by their designers.

Photographs taken during this year's trials were loaned by the famed yachting photographers, Morris and Stanley Rosenfeld.

The Harvard Cooperative Society is conducted and governed by a board of directors made up of the faculty and students of Harvard and MIT. The capital stock is held in trust by stockholders who receive no dividends. When you have joined the Coop, your greatest benefit in savings will come from concentrating your buying. The size of your Patronage

Refund check is, of course, dependent on what you purchase . . . the accumulation of small items is just as important as the larger individual buys. The Patronage Refund rate for 1962-63 has been guaranteed at 8% on charge purchases and 10% on cash. You get the most value from your membership by the concentration of your buying at the Coop.

Make The Coop Your Buy-Life at M.I.T. And Save 8% or 10%

Join Upon Arrival

Membership Fee \$1.00

Will The Coop carry the merchandise that you will need?

Over seventy-five year's experience has given The Coop a practical training in the selection of merchandise that will best serve its student members not only for their every day needs but to meet the special requirements of every course.

Will The Coop save you money?

For the fiscal year ending June 30th, 1962, a Patronage Refund

upon cash purchases, or charge purchases to the member's personal account, has been guaranteed at the rate of not less than 8% on charge purchases and 10% on cash.

Does the history of The Coop bear out these facts?

Beginning in a small way in 1882 the Society has grown steadily, reaching a yearly membership of over 43,000, a volume of business of over \$8,000,000, and Patronage Refunds of over \$500,000.

Who is eligible for membership in The Coop and what is the cost?

Membership is limited to students, faculty and graduates of Harvard University, Massachusetts Institute of Technology, Radcliffe College and the Episcopal Theological School. The annual membership fee is \$1.00.

Can you have a charge account at The Coop?

When you join The Coop a charge account is automatically opened in your name.

ROOM ACCESSORIES

Waste Paper Baskets
Desk Blotter Pads
Electrical Extension Cords
Water Glasses
Soap Dishes
Face Cloths
Lamps, Study
Radios
Book Ends
Sheets
Shoe Trees
Letter Baskets
Book Rack
Letter File
Calendar Pads

Book Ends
Hi-Fi & Stereo Records
Hand and Bath Towels
Shoe Shine Kits
Shower Sandals
Coat Hangers
Pant Hangers
Alarm Clocks
Electric Bulbs
Writing Paper
Ash Trays, M.I.T.
Pillow Slips
Televisions
Blankets
Pencil Sharpeners

TEXTBOOKS

. . . for all courses

STATIONERY

Thesis Covers Record Books Fountain Pens
Loose Leaf Binders Fillers Typewriter Paper
Spring-Back Covers

TECHNOLOGY STORE

Concentrate Your Buying — Build Your Patronage Refund

Fall Sports Schedule

VARSITY CROSS COUNTRY

SEPTEMBER
Friday, 28th—Boston College, Brandeis, Tufts; away; 4 p. m.
OCTOBER
Sat., 6th—W.P.I.; home, 2:30 p. m.
Sat., 13th—Springfield, Williams; away; 1 p. m.
Tues., 16th—Brandeis; away; 5 p. m.
Sat., 20th—New Hampshire; away; 2:30 p. m.
Sat., 27th—Coast Guard; home; 2:30 p. m.
NOVEMBER
Sat., 3rd—Wesleyan; away; 2:30 p. m.
Mon., 5th—Easterns; Franklin Park.
Wed., 7th—Northeastern, Tufts; away; 4 p. m.
Mon., 12th—New England; Franklin Park.

FRESHMAN CROSS COUNTRY

SEPTEMBER
Fri., 28th—Boston College, Tufts; away; 4 p. m.
OCTOBER
Wed., 3rd—Andover; away; 4 p. m.
Sat., 13th—Springfield, Williams; away; 12:30 p. m.
Sat., 20th—New Hampshire; away; 2 p. m.
Sat., 28th—Coast Guard; home; 2 p. m.
NOVEMBER
Sat., 3rd—Wesleyan; away; 2 p. m.
Mon., 5th—Easterns; Franklin Park.
Wed., 7th—Northeastern, Tufts; away; 4 p. m.
Mon., 12th—New England; Franklin Park.

VARSITY GOLF

SEPTEMBER
Thurs., 20th—Rhode Island; away; 1:30 p. m.
Tues., 25th—Boston College; home; 1 p. m.
OCTOBER
Wed., 3rd—Rhode Island; home; 1 p. m.
Sat., 13th—ECAC Qualifications; Dartmouth.
Mon., 15th—Brandeis; away.
Sat., 20th—ECAC Finals; Bethpage.

VARSITY SOCCER

SEPTEMBER
Sat., 29th—Coast Guard; home; 2 p. m.
OCTOBER
Tues., 2nd—W.P.I.; away; 3:30 p. m.
Sat., 6th—Trinity; home; 2 p. m.
Thurs., 11th—Tufts; away; 3 p. m.
Tues., 16th—Brandeis; home; 3:30 p. m.
Sat., 20th—Amherst; away; 1 p. m.
Wed., 24th—Boston University; away; 3 p. m.
Sat., 27th—Springfield; home; 2 p. m.
NOVEMBER
Sat., 3rd—Middlebury; home; 1 p. m.

FRESHMAN SOCCER

OCTOBER
Tues., 2nd—Medford High School; home; 4 p. m.
Sat., 6th—Army; away.
Wed., 10th—Andover; home; 3:30 p. m.

Fri., 12th—Tufts; home; 3 p. m.
Sat., 20th—Harvard; away; 3 p. m.
Mon., 22nd—Belmont High School; home; 3 p. m.
Sat., 27th—Brown; away; 11:30 a. m.
Wed., 31st—Exeter; away; 3 p. m.

VARSITY SAILING

SEPTEMBER
Sat., 22nd and Sun., 23rd—Danmark Trophy at Coast Guard.
Sun., 30th—Quadrangular at Coast Guard.
OCTOBER
Sun., 7th—Sloop Eliminations at Coast Guard.
Fri., 12th—Oberg Trophy at MIT.
Sat., 13th—Harvard-Tech Trophy at MIT.
Sun., 14th—Wood Trophy at MIT.
Sat., 20th and Sun., 21st—Fowle Trophy Eliminations at Coast Guard.
Sun., 23rd—Hoyt Trophy at Brown.
NOVEMBER
Sat., 3rd and Sun., 4th—Schell Trophy at MIT.
Sat., 10th and Sun., 11th—Fowle Trophy Finals.

FRESHMAN SAILING

SEPTEMBER
Sun., 30th—Heptagonal at MIT.
OCTOBER
Sun., 7th—Nonagonal at MIT.
Sun., 14th—Octagonal at Brown.
Sun., 21st—Heptagonal at Tufts.
Sat., 27th and Sun., 28th—Freshman Individual Championship at MIT.

SOCCER

Var. Coach: Charles Batterman
Fr. Coach: Benjamin R. Martin, Jr.
Captain: Herbert N. Nwagha
Manager: R. Neal Harvey

CROSS COUNTRY

Var. Coach: Arthur E. Farnham, Jr.
Fr. Coach: Gordon V. Kelly
Co-Captains: Thomas A. Goddard and Roger A. Hinrichs
Manager: Henry J. Modetz

GOLF

Coach: John S. Merriman, Jr.
Co-Captains: Michael L. Finson and Neil A. Hull

SAILING

Sailing Master: Walter C. Wood
Asst. Master: Gerald M. Reed, Jr.
Captain: Kenneth A. Kiare
Manager: Yazan N. Sharif

Tech Ranks 3rd In GE Grants

MIT ranks third among 680 colleges and universities in funds received from the General Electric Foundation through its corporate alumnus program. In the program's seven years MIT has received \$67,250, the Foundation's matching contribution to the equivalent amount given to MIT by alumni now in industry.

Tech Ran Well Despite Walkout

(Continued from page 1)

sifications and promotional opportunities.

The classification issue, according to Union president Philip Zlochiver, meant more to his Union, with more skilled workers, than to other MIT unions. Yet, he stated, MIT refused to differentiate between unions on this point.

He cited a recent grievance decision in support of his views. In this case Professor James Healy of Harvard termed some Institute principles governing promotions "haphazard, unreasonable or unjust."

As it was this year, a wage increase has been the main point of settlements in recent years. The contract which expired June 30 was signed in 1960, with wage hikes of 5 percent and 4-and-a-half percent in the two years.

In 1959, a one-year contract provided for 4% rise. In 1958, 4%, also on a one-year's basis. In 1956, it had been a two-year contract with 9% and 4% boosts. In 1955 there was a three-day strike at Lincoln Labs before agreement was reached.

MIT went to considerable effort to maintain near-normal plant operations during the strike. In June, for example, since the threat of a strike was recognized, a call was sent out for volunteers from the faculty to replace the watchmen, should they go on strike (they didn't). This plan went so far as to include such motherly advice to volunteers as "wear comfortable shoes" and "perhaps bring a lunch, coffee or a sandwich, since vending machines might not be in service."

Work stoppage on defense contracts, mainly at Lincoln and Instrumentation Labs, was termed not extensive by Institute spokesmen. Construction projects were disrupted only to a very minor degree by the MIT strike.

New Procedure For Book Seizures

(Continued from page 1)

in June, pirated textbooks could be stopped in only two cases. The first was if the pirated copy contained a notice of copyright. (that is, if the original copyright notice was photocopied along with the rest of the book). The second case was if the original publisher had registered the copyright with the Bureau of Customs. To do so, however, the publisher had to submit 1000 file cards with title, author, etc. and then pay a \$75 fee. Burke H. Flinn, Deputy Commissioner of Customs, told The Tech: "Very few copyrights on textbooks have been recorded."

The procedure now, however, is for the customs officer to fill out a special form for any book which may be a piratical copy. This form is then sent to the main customs headquarters in Washington where it is checked in the Copyright files of the Library of Congress, in which all United States copyrights are listed. Any book thus found to have been produced in violation of the copyright law is then seized and destroyed.

Exception To Regulation

One type of textbook is still exempt from this strengthened regulation. Books which were first published in a foreign language

and which only the English translation is copyrighted in this country may still be legally imported in pirated editions. Such books are the "Landau and Lifschitz," series for example.

Deputy Commissioner Flinn also told The Tech that any book which is allowed importation by the Bureau of customs may be legally be resold.

He also noted that the customs regulations apply to any book brought into the country, including those shipped by mail and those brought into the country as personal property acquired abroad.

Exportation Banned In Taiwan

Pirated textbooks are illegal copies of copyrighted books, usually produced by photo offset, most often in Taiwan. American publishers have made repeated protests. As a result of these protests, in 1960 Taiwan placed a ban on the exportation of these books. They were not permitted to be shipped as cargo or through the mails to either the United States or Hong Kong, however they were still allowed to be carried from the country as personal property. Thus, "book runners" ferried the books from Taiwan to Hong Kong, where they were mailed.

SUBSCRIBE NOW!

Enclosed find Please send THE TECH for () one, () two years to:

Name
Address

SUBSCRIPTION RATES

United States Mail

1 year \$2.75
2 years \$4.25

THE TECH, Walker Memorial, Cambridge 39

SAVE MONEY

Subscribe to your favorite magazines at money savings rates available only to college students. Listed below are some of the many special rates available. All offers are good for both new and renewal subscriptions. Call the number listed below for special rates on other magazines. You save money and have the convenience of dealing with a fellow MIT student.

MAGAZINE	SPECIAL 1 YR. RATE	OTHER RATES	REGULAR 1 YR. RATE
*Arch. Forum	3.25		6.50
Argosy	3.25	2 years—5.50	5.00
Atlantic		8 months—3.50	7.50
Electronics Ill.	3.00	2 years—5.50	4.00
Elect. World.	3.25	2 years—5.75	5.00
*Fortune	7.50		10.00
Hi Fidelity	3.75	2 years—6.50	6.00
HiFi/Stereo Rev.	3.25	2 years—5.75	5.00
Holiday		15 months—3.75	5.95
		30 months—7.50	
*Life	2.98	6 months—2.00	5.95
		2 years—5.95	
Look	3.00	2 years—5.50	4.00
Mechanics Ill.	2.25	2 years—4.00	3.00
New Yorker		8 months—3.00	7.00
*Newsweek	3.50	34 weeks—2.75	7.00
Playboy	5.00		6.00
Pop. Electronics	3.00	2 years—5.50	4.00
Pop. Photography	3.25	2 years—5.75	5.00
Sat. Even. Post		50 issues—3.49	5.95
		100 issues—7.00	
Sat. Review	4.00		7.00
*Sports Ill.	4.00	2 years—7.50	6.75
*Time	4.00	27 weeks—1.97	7.50
		2 years—7.50	
US News World Rpt.		39 weeks—3.67	7.00

*You need not send cash for subscriptions to these magazines. The publisher will bill you.

Please make all checks payable to Daniel Roos. Send your orders to Daniel Roos, College Subscription Service, 12 Parkway Road, Brookline, Mass. For further information call BE 2-9139 between 7:00 and 10:00 P.M.

Please send me the offers circle above. Indicate if subscription is renewal.

NAME
ADDRESS
CITY STATE YR. GRAD

MAKE MONEY

Students interested in making money by selling subscriptions in the dorms and fraternities call BE 2-9139 between 7:00 and 10:00 P.M.

Is this the only reason for using Mennen Skin Bracer?

Skin Bracer's rugged, long-lasting aroma is an obvious attribute. But is it everything?
After all, Menthol-Iced Skin Bracer is the after-shave lotion that cools rather than burns. It helps heal shaving nicks and scrapes. Helps prevent blemishes. Conditions your skin.
Aren't these sound, scientific virtues more important than the purely emotional effect Skin Bracer has on women? In that case, buy a bottle. And—have fun.



